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[008] In this clutch system of ~~U.S. 6,120,610~~ U.S. 6,120, 410, outer disc carrier, piston, annular spring set, baffle plate and discs of the clutch form one pre-assemblable clutch unit that can be installed as whole in the transmission. The planetary gearset pre-completed with planet shafts, planetary gears, spider plate and one inner disc carrier forms a separate unit which only after assembly of the clutch unit in the transmission can also be mounted in the transmission. To maintain a defined installation dimension of the planet carrier relative to the baffle plate of the clutch, a spacer element is provided which is designed as bearing disc because of the possible relative speed between inner disc carrier and baffle plate. The planet carrier itself is not axially fixed on the outer disc carrier.

[038] As can be seen in Fig. 1, the molded spacer disc 16 spatially separates the pressure balance space 15 from a lubricant chamber 25 of the planetary gear lubrication on the spider plate side. To form said lubricant chamber 25, the molded spacer disc 16 abuts at least extensively oil tight on a radius above the planet shafts 33 opposite the spider plate 27. In the example shown, on this sealing face 18 of the spacer disc 16 is provided one seal 19 designed, for example, as round sealing ring, lipped sealing ring, or gasket and it can also be pasted or vulcanized on the spacer disc 16 or on the spider plate 27. The lubricant existing in the lubricant chamber 25 is fed via the central holes [[15]] 34 of the planet shafts 33 (and the radially oriented holes, not shown of the planetary shafts) to the bearing of the planetary gears 32.

[047] A second exemplary clutch system according to the invention is now explained with reference to Fig. 4. With regard to fundamental and functional construction, this second clutch system corresponds in essence to the first clutch system described above in detail with reference to Fig. 1. The spider plate 27

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of the planetary gearset 26 abuts without change on the pressure balance space 15 of the clutch 1. Unlike Fig. 1, the pressure balance space 15 is now formed by the cup-shaped section 12 of the axially movable piston 11 of the servo mechanism 10 and an axially stationary baffle plate consisting of the molded spacer disc 16 and one cylindrical section 28 of the spider plate 27. The cylindrical section 28 of the spider plate 27 is axially movably sealed on its outer diameter by a seal ring 29 against the cup-shaped section 12 of the piston 11. The molded spacer disc 16 forms an extensively vertical wall opposite the piston 11 which wall abuts axially directly on the spider plate 27 and is sealed, at least to a great extent oil tight, opposite the spider plate 27 on a diameter above th planet shafts 33 (sealing surface 18, seal 19). The molded spacer disc spatially separates - like in Fig. 1 - the pressure balance space 15 from the lubricant chamber 25 on the side of the spider plate.

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